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SCIENTIFIC NOTES AND NEWS

SIR HENRY ROSCOE has been elected a foreign member of the Accademia dei Lincei in Rome.

IN connection with the celebration of the centenary of the Geological Society, London, Oxford University will, on September 30, confer the degree of doctor of science on Professor Charles Barrois, Lille; Professor A. Heim, Zürich; Professor A. Lacroix, Paris; Professor A. Penck, Berlin; Dr. Hans H. Reusch, Norway; Professor F. Zirkel, Leipzig.

THE University of Liverpool has conferred its doctorate of science on Professor A. R. Forsyth, of Cambridge; Professor Francis Gotch and Professor Osler, of Oxford; Sir Oliver Lodge; Sir John Murray, the naturalist; Professor Wilhelm Ostwald, of Leipzig; Professor Sir William Ramsay; and Sir H. E. Roscoe; also Dr. C. L. A. Laveran, of the Pasteur Institute (*in absentia*). The degree of doctor of engineering has been conferred on Sir A. B. W. Kennedy.

PROFESSOR ANDERS DONNER, director of the Royal Astronomical Observatory, Helsingfors, Finland, has been elected an Associate of the Royal Astronomical Society.

ON the occasion of the last lecture of Professor G. Lunge, whose retirement from the chair of technical chemistry at the Zürich Polytechnic we have noticed, addresses from the teaching staff and from the students were presented by Professor Treadwell.

PROFESSOR W. J. VAN BEBBER has retired from his position as departmental head in the Deutsche Seewarte at Hamburg.

THE Mississippi Valley Laboratory of the United States Department of Agriculture has been abolished, and the work in forest pathology will from this time be carried on at Washington, D. C. The Laboratory of Forest Pathology, as now organized, is under the charge of Dr. Haven Metcalf. With him are associated Drs. George G. Hedgcock and Perley Spaulding, who were formerly at the Mississippi Valley Laboratory.

THE Alvarenga prize of the College of Physicians of Philadelphia, for 1907, has been awarded to William Louis Chapman, M.D., Providence, R. I., for investigations on "Post-operative Phlebitis, Thrombosis and Embolism."

THE Mackinnon studentship of the Royal Society in physical science has been awarded for a second year to Mr. W. Geoffrey Duffield, for a research on the influence of pressure on spectra, being conducted at the University of Manchester; and the studentship in biology to Dr. H. M. Woodcock, to aid him in working out the life history of certain hematozoa of birds, an investigation which will be carried on at the Lister Institute of Preventive Medicine. The income of the Gunning fund accrued during the past three years has been placed at the disposal of Dr. F. H. Scott for the continuation of his investigations into the metabolic processes in nerve cells.

DR. REID HUNT, of the U. S. Public Health and Marine Hospital Service, will take part in a discussion on the physiological and therapeutic uses of alcohol before the section of physiology of the British Association, now meeting in Leicester.

THE British Medical Association is holding its seventy-fifth annual meeting this week at Exeter, under the presidency of Dr. Henry Davy. The address in medicine will be delivered by Dr. William Hale White, the address in surgery by Dr. Henry Trentham Butlin and a popular lecture by Sir John William Moore.

THE tercentenary of the death of Ulisse Aldrovandi, the celebrated naturalist, was celebrated at Bologna, from June 11 to 13, in the presence of numerous delegates from foreign countries. A memorial tablet was unveiled, while a medal and several volumes compiled for the occasion were presented to the delegates.

PROFESSOR ANGELO HEILPRIN, the eminent naturalist and explorer, died on July 17. He was born in Hungary in 1853 and was brought to this country when he was three years old. Professor Heilprin has been

since 1881 professor of paleontology and geology in the Philadelphia Academy of Natural Sciences and had recently been appointed lecturer on physical geography at Yale University.

DR. AUGUST DUPRÉ, F.R.S., chemical adviser to the explosive department of the Home Office of the British government, and the author of papers on chemical and other scientific subjects, died on July 16. He was born in Maintz in 1835, and went to London in 1855.

ADMIRAL JOHN MACLEAR, of the British navy, commander of the *Challenger* on its scientific voyage from 1872-6 and captain of the *Alert*, and the *Flying Fish*, with which much important hydrographic work was done, died at Niagara Falls on July 17, at the age of sixty-nine years. He was the son of Sir T. Maclear, formerly astronomer royal at the Cape of Good Hope. His wife was a daughter of Sir John Herschel.

PROFESSOR HEINRICH KREUTZ, associate professor of astronomy at Kiel and editor of the *Astronomische Nachrichten*, died on July 16.

PROFESSOR J. J. GRANCHER, an eminent French physician, known especially for his efforts to combat tuberculosis, has died at the age of sixty-four years.

M. ANDRÉ PROSPER PAUL CROVA, professor of physics at Montpellier and known for his researches on radiation and other subjects, has died at the age of seventy-four years.

THE French government has recommended a grant of \$60,000 for a French expedition to the antarctic regions.

By the will of the late Mr. Mark Stirrup Manchester University has received specimens of volcanic rocks and fossils; £1,000 for the maintenance of a geological and paleontological collection and £1,500 for the foundation of a paleontological scholarship.

A TELEGRAM has been received at Harvard College Observatory from Professor Percival Lowell, director of the Lowell Observatory, stating "Martian double canal Gihon photographed double by Lampland and also by me."

Nature states that a small exhibition of scientific apparatus, mostly for chemistry and

physics, is being arranged by Mr. R. E. Thwaites, of Wyggeston Grammar School, in connection with the meeting of the British Association, which opened this week at Leicester.

UNIVERSITY AND EDUCATIONAL NEWS

DR. GEO. L. STREETER, associate professor of neurology at the Wistar Institute of Anatomy, Philadelphia, has been elected professor of anatomy at the University of Michigan.

DR. J. HEATH BAWDEN, of Vassar College, has accepted the professorship of philosophy at the University of Cincinnati.

DR. R. P. STEPHENS, instructor in mathematics in Wesleyan University, has been elected adjunct professor of mathematics in the University of Georgia. Mr. Berton H. Camp has been appointed instructor in mathematics in Wesleyan University.

APPOINTMENTS at Syracuse University have been made as follows: Joseph E. Kirkwood, professor of botany; W. M. Smallwood, professor of comparative anatomy; Charles G. Rogers, associate professor of physiology; C. H. Richardson, associate professor of geology and mineralogy; Daniel Pratt, assistant professor of mathematics; Herbert A. Clark, assistant professor of physics; Howard F. Hart, instructor in mathematics; Roger F. Brinell, instructor in chemistry; Burnett Smith, instructor in geology; George D. Babcock, professor of practical mechanics; Forrest E. Cardullo, associate professor of machine design; Carl H. Beach, assistant professor of machine design; James B. Faulks, associate professor of experimental engineering; Dr. Harold D. Senior, professor of anatomy and director of the anatomical laboratory; Dr. L. D. Bristol, instructor in pathology and bacteriology.

MR. J. W. BEWS has been appointed to a newly-established lectureship of economic botany at Manchester.

DR. F. R. NOLL, of the Agricultural Academy at Poppelsdorff, has been made professor of botany at Halle, and Dr. Gerhard Hassenberg acting professor at Poppelsdorf.